

Serial Number: 10/005, 200

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

OIPE

RAW SEQUENCE LISTING

DATE: 12/12/2001

PATENT APPLICATION: US/10/005,200

TIME: 14:19:50

Input Set : A:\Sequences for submission.txt

Output Set: N:\CRF3\12112001\I005200.raw

**Does Not Comply
Corrected Diskette Needed**

4 <110> APPLICANT: DeltaGen, Inc.
 6 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING RPTPB
 7 TYROSINE PHOSPHATASE GENE DISRUPTIONS
 10 <130> FILE REFERENCE: 741 PCT
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/005,200
 C--> 12 <141> CURRENT FILING DATE: 2001-12-04
 12 <150> PRIOR APPLICATION NUMBER: US 60/251,897
 13 <151> PRIOR FILING DATE: 2000-12-06
 15 <150> PRIOR APPLICATION NUMBER: US 60/302,260
 16 <151> PRIOR FILING DATE: 2001-06-28
 18 <160> NUMBER OF SEQ ID NOS: 3
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

73 <210> SEQ ID NO: 3
 74 <211> LENGTH: 200
 75 <212> TYPE: DNA
 76 <213> ORGANISM: Artificial Sequence
 78 <220> FEATURE:
 79 <223> OTHER INFORMATION: Targeting Vector
 81 <400> SEQUENCE: 3
 82 ggatgagttg aagccagaac agcagcaccc tctcccttcc tacctggagt acagacacaa 60
 83 cgcctccatc cgagtctacc agaccaatta ttttgccagc aaatgtgctg aaagtcccga 120
 84 cagcagttct aaaagtttca acattaagct tggagcagag atggacagcc tcggtggcaa 180
 85 atgtgatccc agtcagcaga 200
 E--> 86 ① - delete

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/005,200

DATE: 12/12/2001

TIME: 14:19:51

Input Set : A:\Sequences for submission.txt

Output Set: N:\CRF3\12112001\I005200.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:86 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:200 SEQ:3

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/005,200

DATE: 12/17/2001

TIME: 12:48:31

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\12172001\J005200.raw

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4 <110> APPLICANT: DeltaGen, Inc.
6 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING RTPPB
7   TYROSINE PHOSPHATASE GENE DISRUPTIONS
10 <130> FILE REFERENCE: 741 PCT
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/005,200
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12 <150> PRIOR APPLICATION NUMBER: US 60/251,897
13 <151> PRIOR FILING DATE: 2000-12-06
15 <150> PRIOR APPLICATION NUMBER: US 60/302,260
16 <151> PRIOR FILING DATE: 2001-06-28
18 <160> NUMBER OF SEQ ID NOS: 3
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 1752
24 <212> TYPE: DNA
25 <213> ORGANISM: Mus musculus
27 <400> SEQUENCE: 1
28 gtcaaggaag aggtacctgg tgtccatcaa ggtgcagtcg gccggcatga ccagtgaagt 60
29 ggttgaagat agcaccatca ccatgataga ccgcccgcct caaccgcctc cacacatccg 120
30 tgtgaatgaa aaggatgtgc taatcagcaa atcttccatc aactttactg tcaactgcag 180
31 ctgggttcagc gacaccaacg gagcgggttg gtactttgct gtgggtggtga gagaggccga 240
32 cagcatggat gagttgaagc cagaacagca gcacctctc ccttcctacc tggagtacag 300
33 acacaacgcc tccatccgag tctaccagac caattatttt gccagcaaat gtgctgaaag 360
34 tcccagacagc agttctaaaa gtttcaacat taagcttgga gcagagatgg acagcctcgg 420
35 tggcaaatgt gatcccagtc agcagaaatt ctgtgatgga ccgctgttgc cacacaccgc 480
36 ctacagaatc agcatccggg cttttacaca gctatttgac gaggacttga aagagttcac 540
37 caaacctctc tactcggata cgttcttctc tatgcccatc accacagagt cagagccctt 600
38 gtttgagatt attgaagggtg tgagtgtctg cctgtttcta attggcatgc tgggtggcct 660
39 tggtgccttc ttcattctgca gacagaaagc tagccacagc agggaaaggc catctgcccg 720
40 gctcagcatt cgtagggacc ggcctttgtc tgtccatctg aatctggggc agaaaggcaa 780
41 ccggaaaact tcttgcccca taaagatcaa tcagtttgaa gggcatttca tgaagctgca 840
42 ggcagactcc aactaccttc tatccaagga atatgaggac ttaaaagacg tgggtagaag 900
43 ccagtcattg gacattgccc tcttgccctga gaatcgaggg aaaaatcgat acaacaacat 960
44 attgccttat gatgcctcaa gagtgaagct ctcgaatgtc gatgacgacc cttgctctga 1020
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46 gggaccgctt ccaggcacca aggatgactt ctggaagatg gcgtgggagc agaacgttca 1140
47 caacatcgtc atgggtgacc agtgtgttga aaagggccga gtgaagtgtg accattactg 1200
48 gccagcagac caggaccccc tctactacgg tgatctcatc ctacagatgg tctcggagtc 1260
49 cgtgctcccc gagtggacca tcagggagtt taagatatgc agtgaagaac agttggatgc 1320
50 acacagactc atccgtcact ttcactacac ggtgtggcca gaccatgggg tcccagagac 1380
51 caccacagtc ctgatccaat ttgtgaggac agtcagggac tacatcaaca gaagcccccg 1440
52 ggctgggccc tccgtagtgc actgcagcgc tgggtgtggc agaacaggga cgttcggttc 1500
53 cctggaccgg atcctccagc agttggactc taaggactcc gtggacattt atggggcagt 1560
54 gcatgacctc agactccaca gggttcacat ggtccagacc gagtgtcaat atgtgtatct 1620
55 gcatcagtg gtaagagacg tctcagagca aagaaactgc ggaaacgagc aagagaaagg 1680
56 ggggtgtttc atttatgaga atgtgaatca gagtatcaca gagatgcaat ctactcgaga 1740
57 cattaagaat tc                                     1752

```

RAW SEQUENCE LISTING

DATE: 12/17/2001

PATENT APPLICATION: US/10/005,200

TIME: 12:48:31

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\12172001\J005200.raw

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59 <210> SEQ ID NO: 2
60 <211> LENGTH: 200
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Targeting Vector
67 <400> SEQUENCE: 2
68 gccgccccca gaactccacg gccattgcct gctcttggat acctcctgac tccgactttg 60
69 atggctacag cattgagtgc cgaaaaatgg atacccaaga aatcgagttt tccagaaagc 120
70 tggagaaaga aaaatcactg ctcaacatca tgatgttagt acctcataag aggtacctgg 180
71 tgtccatcaa ggtgcagtcg                                200
73 <210> SEQ ID NO: 3
74 <211> LENGTH: 200
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Targeting Vector
81 <400> SEQUENCE: 3
82 ggatgagttg aagccagaac agcagcagcc tctcccttcc tacctggagt acagacacaa 60
83 cgcctccatc cgagtctacc agaccaatta ttttgccagc aaatgtgctg aaagtccccg 120
84 cagcagttct aaaagtttca acattaagct tggagcagag atggacagcc tcggtggcaa 180
85 atgtgatccc agtcagcaga                                200
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/005,200

DATE: 12/17/2001

TIME: 12:48:32

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\12172001\J005200.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date